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TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1           Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2           "Ask CAS" for self-help around the clock
 NEWS  3  JAN 27   Source of Registration (SR) information in REGISTRY updated
                   and searchable
 NEWS  4  JAN 27   A new search aid, the Company Name Thesaurus, available in
                   CA/CAplus
 NEWS  5  FEB 05   German (DE) application and patent publication number format
                   changes
 NEWS  6  MAR 03   MEDLINE and LMEDLINE reloaded
 NEWS  7  MAR 03   MEDLINE file segment of TOXCENTER reloaded
 NEWS  8  MAR 03   FRANCEPAT now available on STN
 NEWS  9  MAR 29   Pharmaceutical Substances (PS) now available on STN
 NEWS 10  MAR 29   WPIFV now available on STN
 NEWS 11  MAR 29   New monthly current-awareness alert (SDI) frequency in RAPRA
 NEWS 12  APR 26   PROMT: New display field available
 NEWS 13  APR 26   IFIPAT/IFIUDB/IFICDB: New super search and display field
                   available
 NEWS 14  APR 26   LITALERT now available on STN
 NEWS 15  APR 27   NLDB: New search and display fields available
 NEWS 16  May 10   PROUSDDR now available on STN
 NEWS 17  May 19   PROUSDDR: One FREE connect hour, per account, in both May
                   and June 2004
 NEWS 18  May 12   EXTEND option available in structure searching
 NEWS 19  May 12   Polymer links for the POLYLINK command completed in REGISTRY

 NEWS EXPRESS  MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

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specific topic.

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  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:40:53 ON 13 MAY 2004

=> file medline, agricola, caba, caplus, biosis, biotechno
COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
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                                                        ENTRY    SESSION
FULL ESTIMATED COST                                      0.21       0.21

FILE 'MEDLINE' ENTERED AT 14:41:21 ON 13 MAY 2004

FILE 'AGRICOLA' ENTERED AT 14:41:21 ON 13 MAY 2004

FILE 'CABA' ENTERED AT 14:41:21 ON 13 MAY 2004
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FILE 'CAPLUS' ENTERED AT 14:41:21 ON 13 MAY 2004
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COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'BIOTECHNO' ENTERED AT 14:41:21 ON 13 MAY 2004
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=> s (fogher, c? or fogher c?)/au
L1          154 (FOGHER, C? OR FOGHER C?)/AU

=> s l1 and plant
L2           50 L1 AND PLANT

=> s l2 and promoter
L3            3 L2 AND PROMOTER

=> duplicate remove l3
PROCESSING COMPLETED FOR L3
L4            3 DUPLICATE REMOVE L3 (0 DUPLICATES REMOVED)

=> d l4 1-3 ti

L4   ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2004 ACS on STN
TI   Expression of animal lysosomal enzymes in seeds of transformed plants and
     uses of seeds for preparation of medicaments for enzyme replacement
     therapy

L4   ANSWER 2 OF 3  CAPLUS  COPYRIGHT 2004 ACS on STN
TI   Synthetic genes for human lactoferrin with plant codon bias and
     their use in the construction of transgenic plants for the manufacture of
     lactoferrin

L4   ANSWER 3 OF 3  CAPLUS  COPYRIGHT 2004 ACS on STN
TI   Comparison of promoter sequences with different levels of
     genetic expression from Azospirillum brasilense


=> d l4 1-3 bib

L4   ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2004 ACS on STN
AN   2003:719222  CAPLUS
DN   139:241324
TI   Expression of animal lysosomal enzymes in seeds of transformed plants and
     uses of seeds for preparation of medicaments for enzyme replacement
     therapy
IN   Fogher, Corrado; Reggi, Serena
PA   Plantechno S.R.L., Italy
SO   PCT Int. Appl., 53 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
```

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003073839	A2	20030912	WO 2003-IT120	20030303
WO 2003073839	A3	20031218		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI IT 2002-RM115 A 20020301

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:68556 CAPLUS
DN 132:133206
TI Synthetic genes for human lactoferrin with **plant** codon bias and their use in the construction of transgenic plants for the manufacture of lactoferrin
IN **Fogher, Corrado**
PA Plantechno Srl, Italy
SO PCT Int. Appl., 93 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000004146	A1	20000127	WO 1999-IT226	19990719

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

IT 1299565	B1	20000316	IT 1998-RM478	19980717
AU 9951921	A1	20000207	AU 1999-51921	19990719
PRAI IT 1998-RM478	A	19980717		
WO 1999-IT226	W	19990719		

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1994:70635 CAPLUS
DN 120:70635
TI Comparison of **promoter** sequences with different levels of genetic expression from Azospirillum brasilense
AU Marudelli, Mariangela; Civardi, Laura; Delledonne, Massimo; **Fogher, Corrado**
CS Fac. Agrar., Univ. Cattol. S. Cuore, Piacenza, Italy
SO Annali della Facolta di Agraria (Universita Cattolica del Sacro Cuore) (1992), 32(2), 119-27
CODEN: AFAGAL; ISSN: 0540-049X
DT Journal
LA Italian

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=> d his

     (FILE 'HOME' ENTERED AT 14:40:53 ON 13 MAY 2004)

     FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
     14:41:21 ON 13 MAY 2004
L1           154 S (FOGHER, C? OR FOGHER C?)/AU
L2            50 S L1 AND PLANT
L3             3 S L2 AND PROMOTER
L4             3 DUPLICATE REMOVE L3 (0 DUPLICATES REMOVED)

=> s 7s(w)basic(w)globin or 7s(s)globin
L5             6 7S(W) BASIC(W) GLOBIN OR 7S(S) GLOBIN

=> s l5 not l4
L6             6 L5 NOT L4

=> duplicate remove l6
DUPLICATE PREFERENCE IS 'MEDLINE, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L6
L7             3 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)

=> d l7 1-13 ti

L7   ANSWER 1 OF 3     MEDLINE on STN                    DUPLICATE 1
TI   Hemin increase production of beta-like globin RNA transcripts in human
     erythroleukemia K-562 cells.

L7   ANSWER 2 OF 3  BIOSIS  COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI   CONTROL OF EMBRYONIC DEVELOPMENT EFFECT OF AN EMBRYONIC INDUCER RNA ON
     IN-VITRO TRANSLATION OF MESSENGER RNA.

L7   ANSWER 3 OF 3  BIOSIS  COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI   THE EFFECT OF IMMUNO DEPRESSIVE PREPARATIONS ON THE DYNAMICS OF 19S AND
     7S IMMUNO GLOBIN FORMATION.


=> s l6 and plant
L8             0 L6 AND PLANT

=> s lactoferrin and plant
L9           139 LACTOFERRIN AND PLANT

=> s l9 not l4
L10          138 L9 NOT L4

=> s l10 and promoter
L11           38 L10 AND PROMOTER

=> s l11 and seed
L12            6 L11 AND SEED

=> duplicate remove l12
DUPLICATE PREFERENCE IS 'CABA, CAPLUS'
KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L12
L13            5 DUPLICATE REMOVE L12 (1 DUPLICATE REMOVED)

=> d l13 1-5 ti

L13  ANSWER 1 OF 5  CAPLUS  COPYRIGHT 2004 ACS on STN
TI   Expression of human milk proteins in transgenic plants for use as food
     additives
```

L13 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
TI Manufacture of milk antimicrobial proteins in transgenic plants for use as feed additives

L13 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
TI Manufacture of human milk proteins for infant formula in transgenic plants

L13 ANSWER 4 OF 5 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 1
TI Production of human **lactoferrin** in transgenic plants
Excerpta Medica International Congress Series 1195.

L13 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
TI Recombinant **lactoferrin**, methods of production with plants and uses

=> d l13 1-5 bib

L13 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:300663 CAPLUS
DN 138:320276
TI Expression of human milk proteins in transgenic plants for use as food additives
IN Huang, Ning; Rodriguez, Raymond L.; Hagie, Frank E.
PA USA
SO U.S. Pat. Appl. Publ., 114 pp., Cont.-in-part of U.S. Ser. No. 847,232.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 10

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003074700	A1	20030417	US 2002-77381	20020214
	US 2003172403	A1	20030911	US 2001-847232	20010502
	US 2003221223	A1	20031127	US 2003-411395	20030411
	US 2004063617	A1	20040401	US 2003-639781	20030813
	US 2004078851	A1	20040422	US 2003-639779	20030813
PRAI	US 2000-201182P	P	20000502		
	US 2001-266929P	P	20010206		
	US 2001-269199P	P	20010214		
	US 2001-847232	A2	20010502		
	US 2001-266920P	P	20010206		
	US 2001-269188P	P	20010214		
	US 2002-77381	A2	20020214		
	WO 2002-US4909	A2	20020214		

L13 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:222384 CAPLUS
DN 138:254250
TI Manufacture of milk antimicrobial proteins in transgenic plants for use as feed additives
IN Huang, Ning; Rodriguez, Raymond L.; Hagie, Frank E.
PA USA
SO U.S. Pat. Appl. Publ., 129 pp., Cont.-in-part of U.S. Ser. No. 847,232.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 10

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003056244	A1	20030320	US 2002-76816	20020214
	WO 2001083792	A2	20011108	WO 2001-US14234	20010502
	WO 2001083792	A3	20020718		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,

HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,
RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN,
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

	US 2003172403	A1	20030911	US 2001-847232	20010502
PRAI	US 2000-201182P	P	20000502		
	US 2001-266929P	P	20010206		
	US 2001-269188P	P	20010214		
	US 2001-847232	A2	20010502		
	WO 2001-US14234	W	20010502		
	US 2001-266920P	P	20010206		

L13 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:637857 CAPLUS
DN 137:184806
TI Manufacture of human milk proteins for infant formula in transgenic plants
IN Huang, Ning; Rodriguez, Raymond L.; Hagie, Frank E.
PA Ventria Bioscience, USA
SO PCT Int. Appl., 179 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 10

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002064814	A2	20020822	WO 2002-US4921	20020214
	WO 2002064814	A3	20021031		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

	US 2003172403	A1	20030911	US 2001-847232	20010502
	EP 1367908	A2	20031210	EP 2002-719020	20020214

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

PRAI	US 2001-269199P	P	20010214
	US 2001-847232	A	20010502
	US 2000-201182P	P	20000502
	US 2001-266920P	P	20010206
	WO 2002-US4921	W	20020214

L13 ANSWER 4 OF 5 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 1
AN 2002:57747 CABA
DN 20013019828
TI Production of human **lactoferrin** in transgenic plants
Excerpta Medica International Congress Series 1195
AU Anzai, H.; Takaiwa, F.; Katsumata, K.; Shimazaki, K. [EDITOR]; Tsuda, H. [EDITOR]; Tomita, M. [EDITOR]; Kuwata, T. [EDITOR]; Perraudin, J. P. [EDITOR]
CS Allergen Free-Technology (AFT) Laboratories Inc., c/o Meiji Seika Kaisha Ltd., Morooka-cho, Kohoku-ku, Yokohama 222-8567, Japan.
SO Lactoferrin: structure, function and applications. Proceedings of the 4th International Conference on Lactoferrin: Structure, Function and Applications, held in Sapporo, Japan, 18-22 May 1999, (2000) pp. 265-271. 11 ref.
Publisher: Elsevier Science B.V. Amsterdam
Price: Book chapter; Conference paper .

Meeting Info.: Lactoferrin: structure, function and applications. Proceedings of the 4th International Conference on Lactoferrin: Structure, Function and Applications, held in Sapporo, Japan 18-22 May 1999.
ISBN: 0-444-50317-X
CY Netherlands Antilles
DT Journal
LA English
ED Entered STN: 20020405
Last Updated on STN: 20020405

L13 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:745191 CAPLUS
DN 130:1177
TI Recombinant **lactoferrin**, methods of production with plants and uses
IN Legrand, Dominique; Salmon, Valerie; Spik, Genevieve; Gruber, Veronique; Bournat, Philippe; Merot, Bertrand
PA Biocem (S.A.), Fr.
SO PCT Int. Appl., 77 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9850543	A1	19981112	WO 1998-FR895	19980504
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	FR 2762850	A1	19981106	FR 1997-5699	19970502
	FR 2762850	B1	20000211		
	AU 9876592	A1	19981127	AU 1998-76592	19980504
	EP 981617	A1	20000301	EP 1998-924373	19980504
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2001527406	T2	20011225	JP 1998-547783	19980504
	US 6569831	B1	20030527	US 2000-423097	20000321
	US 2003229925	A1	20031211	US 2003-446234	20030527
PRAI	FR 1997-5699	A	19970502		
	WO 1998-FR895	W	19980504		
	US 2000-423097	A3	20000321		

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 14:40:53 ON 13 MAY 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 14:41:21 ON 13 MAY 2004

L1 154 S (FOGHER, C? OR FOGHER C?)/AU
L2 50 S L1 AND PLANT
L3 3 S L2 AND PROMOTER
L4 3 DUPLICATE REMOVE L3 (0 DUPLICATES REMOVED)
L5 6 S 7S(W)BASIC(W)GLOBIN OR 7S(S)GLOBIN
L6 6 S L5 NOT L4
L7 3 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)
L8 0 S L6 AND PLANT
L9 139 S LACTOFERRIN AND PLANT

```
L10          138 S L9 NOT L4
L11           38 S L10 AND PROMOTER
L12            6 S L11 AND SEED
L13            5 DUPLICATE REMOVE L12 (1 DUPLICATE REMOVED)

=> s plant and vicilin(s)promoter and transgenic
L14           41 PLANT AND VICILIN(S) PROMOTER AND TRANSGENIC

=> duplicate remove l14
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L14
L15           26 DUPLICATE REMOVE L14 (15 DUPLICATES REMOVED)

=> d l15 1-10 ti

L15  ANSWER 1 OF 26  CAPLUS  COPYRIGHT 2004 ACS on STN
TI   Methods of modifying plant growth and development by targeted
     expression of cell cycle control protein Cdc25

L15  ANSWER 2 OF 26  CABA COPYRIGHT 2004 CABI on STN     DUPLICATE 1
TI   Module-specific regulation of the [beta]-phaseolin promoter during
     embryogenesis.

L15  ANSWER 3 OF 26  CABA COPYRIGHT 2004 CABI on STN
TI   A plant binary vector with an antisense soybean UDP-glucose
     dehydrogenase gene.

L15  ANSWER 4 OF 26  CAPLUS  COPYRIGHT 2004 ACS on STN
TI   Role of an ABI3 homologue in dormancy maintenance of yellow-cedar seeds
     and in the activation of storage protein and Em gene promoters

L15  ANSWER 5 OF 26  CAPLUS  COPYRIGHT 2004 ACS on STN
TI   Sequence of promoter of tobacco quinolinate phosphoribosyltransferase gene
     and its use as molecular decoy to produce low nicotine content tobacco

L15  ANSWER 6 OF 26  CAPLUS  COPYRIGHT 2004 ACS on STN
TI   Vicilin-like seed storage protein gene promoter and
     methods of using the same

L15  ANSWER 7 OF 26     MEDLINE on STN                    DUPLICATE 2
TI   Seed-specific overexpression of a potato sucrose transporter increases
     sucrose uptake and growth rates of developing pea cotyledons.

L15  ANSWER 8 OF 26  AGRICOLA  Compiled and distributed by the National
     Agricultural Library of the Department of Agriculture of the United States
     of America.  It contains copyrighted materials.  All rights reserved.
     (2004) on STN                                     DUPLICATE 3
TI   Expression patterns and subcellular localization of a 52kDa
     sucrose-binding protein homologue of Vicia faba (VfSBPL) suggest different
     functions during development.

L15  ANSWER 9 OF 26  CAPLUS  COPYRIGHT 2004 ACS on STN
TI   Method of modifying plant morphology, biochemistry or physiology
     using cdc25 substrates

L15  ANSWER 10 OF 26  CAPLUS  COPYRIGHT 2004 ACS on STN
TI   Method of modifying plant morphology, biochemistry or physiology
     using cdc25


=> d l15 11-20 ti

L15  ANSWER 11 OF 26  CAPLUS  COPYRIGHT 2004 ACS on STN
TI   Modifying plant morphology, biochemistry and physiology by
```

expression of cyclin protein gene from regulatable promoter

L15 ANSWER 12 OF 26 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
TI Antisense-inhibition of ADP-glucose pyrophosphorylase in developing seeds of Vicia narbonensis moderately decreases starch but increases protein content and affects seed maturation

L15 ANSWER 13 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN
TI Altering the composition of **plant** storage organs by indirect effects of the expression of genes for high-sulfur proteins

L15 ANSWER 14 OF 26 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN
TI Expression of a yeast-derived invertase in developing cotyledons of Vicia narbonensis alters the carbohydrate state and affects storage functions.

L15 ANSWER 15 OF 26 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 4
TI Seed-specific expression of the isopentenyl transferase gene (ipt) in **transgenic** tobacco.

L15 ANSWER 16 OF 26 MEDLINE on STN DUPLICATE 5
TI ACGT and **vicilin** core sequences in a **promoter** domain required for seed-specific expression of a 2S storage protein gene are recognized by the opaque-2 regulatory protein.

L15 ANSWER 17 OF 26 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 6
TI Vicilin and napin storage-protein gene promoters are responsive to abscisic acid in developing **transgenic** tobacco seed but lose sensitivity following premature desiccation.

L15 ANSWER 18 OF 26 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 7
TI The 5' flanking regions of vicilin and napin storage protein genes are down-regulated by desiccation in **transgenic** tobacco.

L15 ANSWER 19 OF 26 CABA COPYRIGHT 2004 CABI on STN
TI Control of seed storage protein gene expression: new aspects on an old problem.

L15 ANSWER 20 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN
TI Desiccation causes a decline in the ABA sensitivity of vicilin and napin storage protein gene promoters in developing **transgenic** tobacco seed

=> d l15 21-26 ti

L15 ANSWER 21 OF 26 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 8
TI Role of desiccation in the termination of expression of genes for storage proteins.

L15 ANSWER 22 OF 26 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN
TI A complex ensemble of cis-regulatory elements controls the expression of a Vicia faba non-storage seed protein gene.

L15 ANSWER 23 OF 26 CABA COPYRIGHT 2004 CABI on STN
TI Sustained root culture for generation and vegetative propagation of **transgenic** Arabidopsis thaliana.

L15 ANSWER 24 OF 26 MEDLINE on STN DUPLICATE 9
TI Vicilin with carboxy-terminal KDEL is retained in the endoplasmic reticulum and accumulates to high levels in the leaves of **transgenic** plants.

L15 ANSWER 25 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN
TI The expression of a chimeric cauliflower mosaic virus (CaMV-35S)-pea vicilin gene in tobacco

L15 ANSWER 26 OF 26 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN
TI Module-specific regulation of the (beta)-phaseolin promoter during embryogenesis.

=> d his

(FILE 'HOME' ENTERED AT 14:40:53 ON 13 MAY 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 14:41:21 ON 13 MAY 2004

```
L1          154 S (FOGHER, C? OR FOGHER C?)/AU
L2           50 S L1 AND PLANT
L3            3 S L2 AND PROMOTER
L4            3 DUPLICATE REMOVE L3 (0 DUPLICATES REMOVED)
L5            6 S 7S(W)BASIC(W)GLOBIN OR 7S(S)GLOBIN
L6            6 S L5 NOT L4
L7            3 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)
L8            0 S L6 AND PLANT
L9          139 S LACTOFERRIN AND PLANT
L10         138 S L9 NOT L4
L11          38 S L10 AND PROMOTER
L12           6 S L11 AND SEED
L13           5 DUPLICATE REMOVE L12 (1 DUPLICATE REMOVED)
L14          41 S PLANT AND VICILIN(S)PROMOTER AND TRANSGENIC
L15          26 DUPLICATE REMOVE L14 (15 DUPLICATES REMOVED)
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=> s l15 and 7s
L16 0 L15 AND 7S

=> file uspatfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	56.23	56.44

FILE 'USPATFULL' ENTERED AT 14:49:44 ON 13 MAY 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 13 May 2004 (20040513/PD)
FILE LAST UPDATED: 13 May 2004 (20040513/ED)
HIGHEST GRANTED PATENT NUMBER: US6735778
HIGHEST APPLICATION PUBLICATION NUMBER: US2004093652
CA INDEXING IS CURRENT THROUGH 13 May 2004 (20040513/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 13 May 2004 (20040513/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2004
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2004

>>> USPAT2 is now available. USPATFULL contains full text of the <<<
>>> original, i.e., the earliest published granted patents or <<<

```
>>>  applications.  USPAT2 contains full text of the latest US          <<<
>>>  publications, starting in 2001, for the inventions covered in      <<<
>>>  USPATFULL.  A USPATFULL record contains not only the original      <<<
>>>  published document but also a list of any subsequent               <<<
>>>  publications.  The publication number, patent kind code, and       <<<
>>>  publication date for all the US publications for an invention      <<<
>>>  are displayed in the PI (Patent Information) field of USPATFULL    <<<
>>>  records and may be searched in standard search fields, e.g., /PN,  <<<
>>>  /PK, etc.                                                          <<<

>>>  USPATFULL and USPAT2 can be accessed and searched together         <<<
>>>  through the new cluster USPATALL.  Type FILE USPATALL to           <<<
>>>  enter this cluster.                                                <<<
>>>                                                                     <<<
>>>  Use USPATALL when searching terms such as patent assignees,        <<<
>>>  classifications, or claims, that may potentially change from      <<<
>>>  the earliest to the latest publication.                            <<<

This file contains CAS Registry Numbers for easy and accurate
substance identification.

<------User Break------>

Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

LOGINID:ssspta1600cxc

PASSWORD:
 * * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'USPATFULL' AT 14:54:55 ON 13 MAY 2004
FILE 'USPATFULL' ENTERED AT 14:54:55 ON 13 MAY 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                      10.80      67.24

=> file uspatfull
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                      12.15      68.59

FILE 'USPATFULL' ENTERED AT 14:55:16 ON 13 MAY 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 13 May 2004 (20040513/PD)
FILE LAST UPDATED: 13 May 2004 (20040513/ED)
HIGHEST GRANTED PATENT NUMBER: US6735778
HIGHEST APPLICATION PUBLICATION NUMBER: US2004093652
CA INDEXING IS CURRENT THROUGH 13 May 2004 (20040513/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 13 May 2004 (20040513/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2004
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2004

>>>  USPAT2 is now available.  USPATFULL contains full text of the     <<<
>>>  original, i.e., the earliest published granted patents or         <<<
>>>  applications.  USPAT2 contains full text of the latest US         <<<
>>>  publications, starting in 2001, for the inventions covered in     <<<
>>>  USPATFULL.  A USPATFULL record contains not only the original     <<<
>>>  published document but also a list of any subsequent              <<<
>>>  publications.  The publication number, patent kind code, and      <<<
```

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>>>  publication date for all the US publications for an invention     <<<
>>>  are displayed in the PI (Patent Information) field of USPATFULL  <<<
>>>  records and may be searched in standard search fields, e.g., /PN, <<<
>>>  /PK, etc.                                                         <<<

>>>  USPATFULL and USPAT2 can be accessed and searched together        <<<
>>>  through the new cluster USPATALL.  Type FILE USPATALL to          <<<
>>>  enter this cluster.                                               <<<
>>>                                                                    <<<
>>>  Use USPATALL when searching terms such as patent assignees,       <<<
>>>  classifications, or claims, that may potentially change from      <<<
>>>  the earliest to the latest publication.                           <<<

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s (fogher, c? or fogher c?)/au
             0 FOGHER, C?/AU
             0 FOGHER C?/AU
L18          0 (FOGHER, C? OR FOGHER C?)/AU

=> s 7s(s)basic(s)globulin
          3717 7S
        659162 BASIC
         10177 GLOBULIN
L19         10 7S(S)BASIC(S)GLOBULIN

=> d l19 1-10 ti

L19  ANSWER 1 OF 10  USPATFULL on STN
TI     Fractioned soybean proteins and method for producing the same

L19  ANSWER 2 OF 10  USPATFULL on STN
TI     Rice promoters for regulation of plant expression

L19  ANSWER 3 OF 10  USPATFULL on STN
TI     Composition for diminishing neutral fat in blood

L19  ANSWER 4 OF 10  USPATFULL on STN
TI     Fractionation of soybean 7S globulin and 11S globulin and process for
       producing the same

L19  ANSWER 5 OF 10  USPATFULL on STN
TI     Biocatalyst inhibitors

L19  ANSWER 6 OF 10  USPATFULL on STN
TI     Compositions and methods for the modification of gene expression

L19  ANSWER 7 OF 10  USPATFULL on STN
TI     Modified 7S legume seed storage proteins

L19  ANSWER 8 OF 10  USPATFULL on STN
TI     Heat-gelling and foam-stabilizing enzymatically modified vegetable
       isolates

L19  ANSWER 9 OF 10  USPATFULL on STN
TI     Fractionation and isolation of 7S and 11S protein from isoelectrically
       precipitated vegetable protein mixtures

L19  ANSWER 10 OF 10  USPATFULL on STN
TI     7S And 11S vegetable protein fractionation and isolation


=> s l19 and promoter
         75229 PROMOTER
```

```
L20           4 L19 AND PROMOTER

=> d l20 1-4 ti

L20  ANSWER 1 OF 4  USPATFULL on STN
TI     Rice promoters for regulation of plant expression

L20  ANSWER 2 OF 4  USPATFULL on STN
TI     Biocatalyst inhibitors

L20  ANSWER 3 OF 4  USPATFULL on STN
TI     Compositions and methods for the modification of gene expression

L20  ANSWER 4 OF 4  USPATFULL on STN
TI     Modified 7S legume seed storage proteins


=> d l20 1-4 bib

L20  ANSWER 1 OF 4  USPATFULL on STN
AN     2004:20717  USPATFULL
TI     Rice promoters for regulation of plant expression
IN     Budworth, Paul, San Diego, CA, UNITED STATES
       Moughamer, Todd, San Diego, CA, UNITED STATES
       Briggs, Steven P., Del Mar, CA, UNITED STATES
       Cooper, Bret, La Jolla, CA, UNITED STATES
       Glazebrook, Jane, San Diego, CA, UNITED STATES
       Goff, Stephen Arthur, Encinitas, CA, UNITED STATES
       Katagiri, Fumiaki, San Diego, CA, UNITED STATES
       Kreps, Joel, Carlsbad, CA, UNITED STATES
       Provart, Nicholas, Toronto, CANADA
       Ricke, Darrell, San Diego, CA, UNITED STATES
       Zhu, Tong, San Diego, CA, UNITED STATES
PI     US 2004016025      A1   20040122
AI     US 2002-260238     A1   20020926 (10)
PRAI   US 2001-325448P     20010926 (60)
       US 2001-325277P     20010926 (60)
       US 2002-370620P     20020404 (60)
DT     Utility
FS     APPLICATION
LREP   James E. Butler, Torrey Mesa Research Institute, 3115 Merryfield Row,
       San Diego, CA, 92121
CLMN   Number of Claims: 77
ECL    Exemplary Claim: 1
DRWN   No Drawings
LN.CNT 18818
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20  ANSWER 2 OF 4  USPATFULL on STN
AN     2003:277124  USPATFULL
TI     Biocatalyst inhibitors
IN     Delcour, Jan, Heverlee, BELGIUM
       Debyser, Winok, Grimbergen, BELGIUM
       Gebruers, Kurt, Westerlo, BELGIUM
       Goesaert, Hans, Haacht, BELGIUM
       Fierens, Katleen, Bertem, BELGIUM
       Robben, Johan, Leuven, BELGIUM
       Van Campenhout, Steven, Heogaarden, BELGIUM
PI     US 2003195151      A1   20031016
AI     US 2002-311886     A1   20021223 (10)
       WO 2001-BE106           20010621
PRAI   GB 2000-15296       20000622
       GB 2001-2018        20010125
       GB 2001-2194        20010126
       GB 2001-6564        20010316
```

GB 2001-12328 20010521
DT Utility
FS APPLICATION
LREP NIXON & VANDERHYE, PC, 1100 N GLEBE ROAD, 8TH FLOOR, ARLINGTON, VA, 22201-4714
CLMN Number of Claims: 42
ECL Exemplary Claim: 1
DRWN 27 Drawing Page(s)
LN.CNT 3598
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 3 OF 4 USPATFULL on STN
AN 2003:147730 USPATFULL
TI Compositions and methods for the modification of gene expression
IN Perera, Ranjan, Carlsbad, CA, UNITED STATES
Rice, Stephen, Oxford, NEW ZEALAND
Wood, Marion, Auckland, NEW ZEALAND
Eagleton, Clare, Auckland, NEW ZEALAND
Visser, Elizabeth, Auckland, NEW ZEALAND
PA Genesis Research and Development Corporation Limited, Parnell, NEW ZEALAND (U.S. corporation)
PI US 2003101478 A1 20030529
AI US 2002-137036 A1 20020430 (10)
RLI Continuation-in-part of Ser. No. US 2000-724624, filed on 28 Nov 2000, PENDING Continuation-in-part of Ser. No. US 2000-598401, filed on 20 Jun 2000, PENDING Continuation-in-part of Ser. No. US 1999-276599, filed on 25 Mar 1999, GRANTED, Pat. No. US 6380459
PRAI WO 2000-NZ18 20000224
WO 2001-NZ115 20010620
US 1999-146591P 19990730 (60)
DT Utility
FS APPLICATION
LREP SPECKMAN LAW GROUP, 1501 WESTERN AVE, SUITE 100, SEATTLE, WA, 98101
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN 19 Drawing Page(s)
LN.CNT 5586
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 4 OF 4 USPATFULL on STN
AN 91:24754 USPATFULL
TI Modified 7S legume seed storage proteins
IN Hoffman, Leslie M., Madison, WI, United States
PA Lubrizol Genetics, Inc., Wickliffe, OH, United States (U.S. corporation)
PI US 5003045 19910326
AI US 1986-902223 19860829 (6)
DT Utility
FS Granted
EXNAM Primary Examiner: Moskowitz, Margaret; Assistant Examiner: Furman, Keith C.
LREP Greenlee and Associates
CLMN Number of Claims: 12
ECL Exemplary Claim: 1
DRWN 1 Drawing Figure(s); 1 Drawing Page(s)
LN.CNT 790
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s plant and lactoferrin
206489 PLANT
1473 LACTOFERRIN
L21 603 PLANT AND LACTOFERRIN

=> s l21 and transgenic
26591 TRANSGENIC

```
L22         209 L21 AND TRANSGENIC

=> s l22 and seed
          83282 SEED
L23          74 L22 AND SEED

=> s l23 and plant(s)transgenic
         206489 PLANT
          26591 TRANSGENIC
           6731 PLANT(S)TRANSGENIC
L24          43 L23 AND PLANT(S)TRANSGENIC

=> s l24 and plant(p)lactoferrin
         206489 PLANT
           1473 LACTOFERRIN
             40 PLANT(P)LACTOFERRIN
L25           5 L24 AND PLANT(P)LACTOFERRIN

=> d l25 1-5

L25  ANSWER 1 OF 5  USPATFULL on STN
AN     2004:83161  USPATFULL
TI     Method of making an anti-infective composition for treating oral
       infections
IN     Huang, Ning, Davis, CA, UNITED STATES
       Huang, Jianmin, Davis, CA, UNITED STATES
       Bethell, Delia R., Sacramehto, CA, UNITED STATES
PI     US 2004063617      A1   20040401
AI     US 2003-639781     A1   20030813 (10)
RLI    Continuation-in-part of Ser. No. US 2002-77381, filed on 14 Feb 2002,
       PENDING Continuation-in-part of Ser. No. US 2001-847232, filed on 2 May
       2001, PENDING
PRAI   US 2001-269199P     20010214 (60)
       US 2001-266929P     20010206 (60)
       US 2000-201182P     20000502 (60)
DT     Utility
FS     APPLICATION
LN.CNT 658
INCL   INCLM: 514/006.000
       INCLS: 800/288.000
NCL    NCLM:  514/006.000
       NCLS:  800/288.000
IC     [7]
       ICM: A61K038-40
       ICS: A01H001-00; C12N015-82
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25  ANSWER 2 OF 5  USPATFULL on STN
AN     2003:324637  USPATFULL
TI     Production of recombinant epidermal growth factor in plants
IN     Kenward, Kimberly D., Vegreville, CANADA
       Shah, Salehuzzaman, Edmonton, CANADA
PI     US 2003228612      A1   20031211
AI     US 2003-428339     A1   20030430 (10)
PRAI   US 2002-377294P     20020430 (60)
DT     Utility
FS     APPLICATION
LN.CNT 2032
INCL   INCLM: 435/006.000
       INCLS: 435/069.100; 435/320.100; 435/325.000; 530/399.000; 536/023.500
NCL    NCLM:  435/006.000
       NCLS:  435/069.100; 435/320.100; 435/325.000; 530/399.000; 536/023.500
IC     [7]
       ICM: C12Q001-68
       ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-485
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 3 OF 5 USPATFULL on STN
AN 2003:245986 USPATFULL
TI **Plant** transcription factors and enhanced gene expression
IN Huang, Ning, Davis, CA, UNITED STATES
Yang, Daichang, Davis, CA, UNITED STATES
Hwang, Yong-Sic, Davis, CA, UNITED STATES
Schmidt, Robert J., La Jolla, CA, UNITED STATES
PI US 2003172403 A1 20030911
AI US 2001-847232 A1 20010502 (9)
PRAI US 2000-201182P 20000502 (60)
US 2001-266920P 20010206 (60)
DT Utility
FS APPLICATION
LN.CNT 2474
INCL INCLM: 800/287.000
INCLS: 800/288.000; 800/320.100; 800/320.200; 800/320.300; 800/320.000
NCL NCLM: 800/287.000
NCLS: 800/288.000; 800/320.100; 800/320.200; 800/320.300; 800/320.000
IC [7]
ICM: C12N015-82
ICS: A01H005-00; C12N015-87
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 4 OF 5 USPATFULL on STN
AN 2003:107786 USPATFULL
TI Expression of human milk proteins in **transgenic** plants
IN Huang, Ning, Davis, CA, UNITED STATES
Rodriguez, Raymond L., Davis, CA, UNITED STATES
Hagie, Frank E., Sacramento, CA, UNITED STATES
PI US 2003074700 A1 20030417
AI US 2002-77381 A1 20020214 (10)
RLI Continuation-in-part of Ser. No. US 2001-847232, filed on 2 May 2001, PENDING
PRAI US 2001-269199P 20010214 (60)
US 2001-266929P 20010206 (60)
US 2000-201182P 20000502 (60)
DT Utility
FS APPLICATION
LN.CNT 5555
INCL INCLM: 800/288.000
INCLS: 424/439.000; 800/320.200
NCL NCLM: 800/288.000
NCLS: 424/439.000; 800/320.200
IC [7]
ICM: A01H005-00
ICS: A61K047-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 5 OF 5 USPATFULL on STN
AN 2003:80313 USPATFULL
TI Feed additive compositions and methods
IN Huang, Ning, Davis, CA, UNITED STATES
Rodriguez, Raymond L., Davis, CA, UNITED STATES
Hagie, Frank E., Sacramento, CA, UNITED STATES
PI US 2003056244 A1 20030320
AI US 2002-76816 A1 20020214 (10)
RLI Continuation-in-part of Ser. No. US 2001-847232, filed on 2 May 2001, PENDING
PRAI WO 2001-US14234 20011108
US 2001-269188P 20010214 (60)
US 2001-266929P 20010206 (60)
US 2000-201182P 20000502 (60)
DT Utility

```
FS      APPLICATION
LN.CNT 5847
INCL    INCLM: 800/278.000
        INCLS: 424/442.000; 426/053.000
NCL     NCLM:  800/278.000
        NCLS:  424/442.000; 426/053.000
IC      [7]
        ICM: A23K001-165
        ICS: A23K001-17
CAS INDEXING IS AVAILABLE FOR THIS PATENT.


=> d his

     (FILE 'HOME' ENTERED AT 14:40:53 ON 13 MAY 2004)

     FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
     14:41:21 ON 13 MAY 2004
L1           154 S (FOGHER, C? OR FOGHER C?)/AU
L2            50 S L1 AND PLANT
L3             3 S L2 AND PROMOTER
L4             3 DUPLICATE REMOVE L3 (0 DUPLICATES REMOVED)
L5             6 S 7S(W)BASIC(W)GLOBIN OR 7S(S)GLOBIN
L6             6 S L5 NOT L4
L7             3 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)
L8             0 S L6 AND PLANT
L9           139 S LACTOFERRIN AND PLANT
L10          138 S L9 NOT L4
L11           38 S L10 AND PROMOTER
L12            6 S L11 AND SEED
L13            5 DUPLICATE REMOVE L12 (1 DUPLICATE REMOVED)
L14           41 S PLANT AND VICILIN(S)PROMOTER AND TRANSGENIC
L15           26 DUPLICATE REMOVE L14 (15 DUPLICATES REMOVED)
L16            0 S L15 AND 7S

     FILE 'USPATFULL' ENTERED AT 14:49:44 ON 13 MAY 2004
L17            0 S (FOGHER, C? OR FOGHER C?)/AU

     FILE 'USPATFULL' ENTERED AT 14:55:16 ON 13 MAY 2004
L18            0 S (FOGHER, C? OR FOGHER C?)/AU
L19           10 S 7S(S)BASIC(S)GLOBULIN
L20            4 S L19 AND PROMOTER
L21          603 S PLANT AND LACTOFERRIN
L22          209 S L21 AND TRANSGENIC
L23           74 S L22 AND SEED
L24           43 S L23 AND PLANT(S)TRANSGENIC
L25            5 S L24 AND PLANT(P)LACTOFERRIN

=> s l24 not l25
L26           38 L24 NOT L25

=> d l26 1-10 ti

L26  ANSWER 1 OF 38  USPATFULL on STN
TI     Genes regulating circadian clock function and photoperiodism

L26  ANSWER 2 OF 38  USPATFULL on STN
TI     Interferon alpha: remodeling and glycoconjugation of interferon alpha

L26  ANSWER 3 OF 38  USPATFULL on STN
TI     Use of plant oil-bodies in vaccine delivery systems

L26  ANSWER 4 OF 38  USPATFULL on STN
TI     Granulocyte colony stimulating factor: remodeling and glycoconjugation
       of G-CSF
```

L26 ANSWER 5 OF 38 USPATFULL on STN
TI Protein remodeling methods and proteins/peptides produced by the methods

L26 ANSWER 6 OF 38 USPATFULL on STN
TI Alpha galalctosidase a: remodeling and glycoconjugation of alpha galactosidase A

L26 ANSWER 7 OF 38 USPATFULL on STN
TI In vitro mutagenesis, phenotyping, and gene mapping

L26 ANSWER 8 OF 38 USPATFULL on STN
TI Application of aspen MADS-box genes to alter reproduction and development in trees

L26 ANSWER 9 OF 38 USPATFULL on STN
TI Albumin fusion proteins

L26 ANSWER 10 OF 38 USPATFULL on STN
TI Chimeric molecules for cleavage in a treated host

=> d l26 11-20 ti

L26 ANSWER 11 OF 38 USPATFULL on STN
TI Methods and compositions for polypeptide engineering

L26 ANSWER 12 OF 38 USPATFULL on STN
TI Enzymes responsible for the metabolism of cis-zeatin

L26 ANSWER 13 OF 38 USPATFULL on STN
TI Phytase variants

L26 ANSWER 14 OF 38 USPATFULL on STN
TI Clean synthetic vectors, plasmids, **transgenic** plants and **plant** parts containing them, and methods for obtaining them

L26 ANSWER 15 OF 38 USPATFULL on STN
TI Enzymes responsible for the metabolism of zeatin

L26 ANSWER 16 OF 38 USPATFULL on STN
TI Methods and compositions for polypeptide engineering

L26 ANSWER 17 OF 38 USPATFULL on STN
TI Methods and compositions for polypeptide engineering

L26 ANSWER 18 OF 38 USPATFULL on STN
TI Transgenically produced prolactin

L26 ANSWER 19 OF 38 USPATFULL on STN
TI Floral homeotic genes for manipulation of flowering in poplar and other **plant** species

L26 ANSWER 20 OF 38 USPATFULL on STN
TI Methods and compositions for polypeptide engineering

=> d l26 21-30 ti

L26 ANSWER 21 OF 38 USPATFULL on STN
TI Methods and compositions for polypeptide engineering

L26 ANSWER 22 OF 38 USPATFULL on STN
TI Nucleic acids encoding a **plant** enzyme involved in very long chain fatty acid synthesis

L26 ANSWER 23 OF 38 USPATFULL on STN
TI Promoter regulating circadian clock function and photoperiodism

L26 ANSWER 24 OF 38 USPATFULL on STN
TI Genes regulating circadian clock function and photoperiodism

L26 ANSWER 25 OF 38 USPATFULL on STN
TI Chimeric **plant** promoters and plants containing the same

L26 ANSWER 26 OF 38 USPATFULL on STN
TI Methods and compositions for polypeptide engineering

L26 ANSWER 27 OF 38 USPATFULL on STN
TI Vaccines comprising oil bodies

L26 ANSWER 28 OF 38 USPATFULL on STN
TI Floral homeotic genes for manipulation of flowering in poplar and other **plant** species

L26 ANSWER 29 OF 38 USPATFULL on STN
TI METHODS AND COMPOSITIONS FOR POLYPEPTIDE ENGINEERING

L26 ANSWER 30 OF 38 USPATFULL on STN
TI Alpha(III) subunit for prolyl 4-hydroxylase

=> d l26 bib

L26 ANSWER 1 OF 38 USPATFULL on STN
AN 2004:115917 USPATFULL
TI Genes regulating circadian clock function and photoperiodism
IN Wagner, Ry, Eugene, OR, UNITED STATES
Hicks, Karen A., Mt. Vernon, OH, UNITED STATES
Spence, Michelle T.Z., Capitola, WA, UNITED STATES
Foss, Henriette, Eugene, OR, UNITED STATES
Liu, Xiang Liang, Eugene, OR, UNITED STATES
Covington, Michael F., San Diego, CA, UNITED STATES
PA The State of Oregon on behalf of the University of Oregon (U.S. corporation)
PI US 2004088766 A1 20040506
AI US 2003-719885 A1 20031121 (10)
RLI Division of Ser. No. US 2000-746801, filed on 20 Dec 2000, GRANTED, Pat. No. US 6689940 Continuation-in-part of Ser. No. US 2000-513057, filed on 24 Feb 2000, GRANTED, Pat. No. US 6433251 Continuation-in-part of Ser. No. WO 1999-US18747, filed on 17 Aug 1999, PENDING
PRAI US 1998-96802P 19980817 (60)
DT Utility
FS APPLICATION
LREP KLARQUIST SPARKMAN, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR, 97204
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN 4 Drawing Page(s)
LN.CNT 4761

=> d l26 25 bib

L26 ANSWER 25 OF 38 USPATFULL on STN
AN 2002:158872 USPATFULL
TI Chimeric **plant** promoters and plants containing the same
IN Gruber, Veronique, Chamalieres, FRANCE
Norre, Frederic, Mirefleurs, FRANCE
Theisen, Manfred, Chamalieres, FRANCE

PI US 2002083486 A1 20020627
AI US 2001-870375 A1 20010530 (9)
RLI Continuation-in-part of Ser. No. WO 2000-IB1383, filed on 28 Sep 2000, UNKNOWN
DT Utility
FS APPLICATION
LREP KATHLEEN M. WILLIAMS, PALMER & DODGE LLP, One Beacon Street, Boston, MA, 02108
CLMN Number of Claims: 61
ECL Exemplary Claim: 1
DRWN 14 Drawing Page(s)
LN.CNT 3110
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d l26 31-38 ti

L26 ANSWER 31 OF 38 USPATFULL on STN
TI Methods and compositions for polypeptides engineering

L26 ANSWER 32 OF 38 USPATFULL on STN
TI Bs2 resistance gene

L26 ANSWER 33 OF 38 USPATFULL on STN
TI Methods and compositions for polypeptide engineering

L26 ANSWER 34 OF 38 USPATFULL on STN
TI Methods and compositions for polypeptide engineering

L26 ANSWER 35 OF 38 USPATFULL on STN
TI Methods and compositions for polypeptide engineering

L26 ANSWER 36 OF 38 USPATFULL on STN
TI Nucleic acids encoding a **plant** enzyme involved in very long chain fatty acid synthesis

L26 ANSWER 37 OF 38 USPATFULL on STN
TI BS2 resistance gene

L26 ANSWER 38 OF 38 USPATFULL on STN
TI Transgenically produced prolactin

=> d l26 38 bib

L26 ANSWER 38 OF 38 USPATFULL on STN
AN 2001:47611 USPATFULL
TI Transgenically produced prolactin
IN Echelard, Yann, Brookline, MA, United States
Wilburn, Brian, Boston, MA, United States
PA Genzyme Transgenics Corporation, Framingham, MA, United States (U.S. corporation)
PI US 6210736 B1 20010403
AI US 1998-94781 19980615 (9)
PRAI US 1997-49856P 19970617 (60)
DT Utility
FS Granted
EXNAM Primary Examiner: Hauda, Karen M.; Assistant Examiner: Shukla, Ram R.
LREP Fish & Richardson P.C.
CLMN Number of Claims: 6
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1936
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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=> d his

     (FILE 'HOME' ENTERED AT 14:40:53 ON 13 MAY 2004)

     FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
     14:41:21 ON 13 MAY 2004
L1           154 S (FOGHER, C? OR FOGHER C?)/AU
L2            50 S L1 AND PLANT
L3             3 S L2 AND PROMOTER
L4             3 DUPLICATE REMOVE L3 (0 DUPLICATES REMOVED)
L5             6 S 7S(W)BASIC(W)GLOBIN OR 7S(S)GLOBIN
L6             6 S L5 NOT L4
L7             3 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)
L8             0 S L6 AND PLANT
L9           139 S LACTOFERRIN AND PLANT
L10          138 S L9 NOT L4
L11           38 S L10 AND PROMOTER
L12            6 S L11 AND SEED
L13            5 DUPLICATE REMOVE L12 (1 DUPLICATE REMOVED)
L14           41 S PLANT AND VICILIN(S)PROMOTER AND TRANSGENIC
L15           26 DUPLICATE REMOVE L14 (15 DUPLICATES REMOVED)
L16            0 S L15 AND 7S

     FILE 'USPATFULL' ENTERED AT 14:49:44 ON 13 MAY 2004
L17            0 S (FOGHER, C? OR FOGHER C?)/AU

     FILE 'USPATFULL' ENTERED AT 14:55:16 ON 13 MAY 2004
L18            0 S (FOGHER, C? OR FOGHER C?)/AU
L19           10 S 7S(S)BASIC(S)GLOBULIN
L20            4 S L19 AND PROMOTER
L21          603 S PLANT AND LACTOFERRIN
L22          209 S L21 AND TRANSGENIC
L23           74 S L22 AND SEED
L24           43 S L23 AND PLANT(S)TRANSGENIC
L25            5 S L24 AND PLANT(P)LACTOFERRIN
L26           38 S L24 NOT L25

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    27.24      95.83

STN INTERNATIONAL LOGOFF AT 15:02:12 ON 13 MAY 2004
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